

Abstract of the Disclosure

5 Selectively reconfigurable shrink-wrap machine (30)
for use with a loading device (34) for individually
wrapping products (58) sequentially with shrink-wrap
material (92) as delivered in sequence to the machine.
It includes a sensor (62) sensing product position on
the loading device. Shrink-wrap material is delivered
from a roll at a wrapping station (40). A first
10 conveyor (42) carries wrapped products between the
wrapping station and a film sealing and cutting
apparatus (44). First conveyor delivers products
sequentially in synchronized velocity with the loading
device in response to sensor signals. Film sealing and
15 cutting apparatus has upper and lower heads (156, 164),
at least one of which is driven into and out of
engagement with the other between adjacent wrapped
products received by the first conveyor for effecting a
sealed cut between them. Heads are each maintained at a
20 fixed angle of orientation. A second conveyor (43)
receives wrapped products sequentially from the sealing
and cutting apparatus. A microprocessor-driven touch
screen (48) and a method controls the shrink-wrap
machine and is described.

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